

operation precautions which you should be aware of

CAUTION: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. Please carefully study this manual and always keep it available. There are, however, some installation and

(1) Read these instructions-All the safety and operating instructions should be read before the product is

(2) Keep these instructions-The safety and operating instructions should be retained for future reference. (3) Heed all warnings-All warnings on the product and in the operating instructions should be adhered to. (4) Follow all instructions-All operating and use instructions should be followed.

(5) Do not use this apparatus near water-The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus. (6) Clean only with dry cloth-Unplug this product from the wall outlet before cleaning. Do not use liquid or

aerosol cleaners. Clean only with dry cloth. Exception: A product that is meant for uninterrupted service and that for some specific reason, such as the possibility of the loss of an authorization code for a CATV converter, is not intended to be unplugged by the user for cleaning or any other purpose, may exclude the reference to unplugging the product in the

cleaning description otherwise required in 131.8(5) 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instruction-Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to .

(8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat. (9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two

blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet. (10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles,

and the point where they exit from the apparatus. Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product. (11) Only use attachments/'accessories specified by the manufacturer. Do not use attachments not

(12) Use only the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from

recommended by the product manufacturer as they may cause hazards.

The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute risk of electric shock to persons.

. The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

Safety Precautions

**WARNING:** To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture. Dangerous high voltage is present inside the enclosure. Do not open the cabinet. CAUTION: To prevent electric shock, match wide blade plug to wide slot, and fully insert. CAUTION: This Digital Video Disc Player employs a laser System. To prevent direct exposure to the laser beam, do not try to open the enclosure. When open and the interlocks are defeated, visible laser radiation is present.

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. DO NOT STARE INTO BEAM. FCC NOTICE: This equipment has been tested and found to comply with the limits for a Class B digital device. Pursuant with the FCC Rules, Part 15. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

accordance with the instruction may cause harmful interference to radio communication. This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

This equipment generates, uses and can radiate radio frequency energy and if not installed and used in

## IMPORTANT SAFETY INSTRUCTIONS SAFETY INFORMATION TABLE OF CONTENTS UNPACKING.. NOTE ON DISC ..... IDENTIFICATION OF CONTROLS..... CONNECTIONS(Connecting to a TV)..... CONNECTIONS(Connecting to an amplifier ... PREPARATIONS BEFORE OPERATION.... PLAYING A DISC .... FUNCTION BUTTONS...... SETUP MENU.... CUSTOM SETUP.....

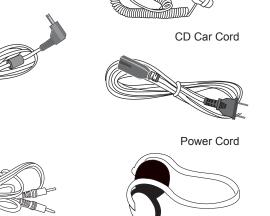
TROUBLE SHOOTING..

SPECIFICATIONS...

AC/DC Adapter



Remote Control



## Note on Disc

# The DVD player can playback the following discs.

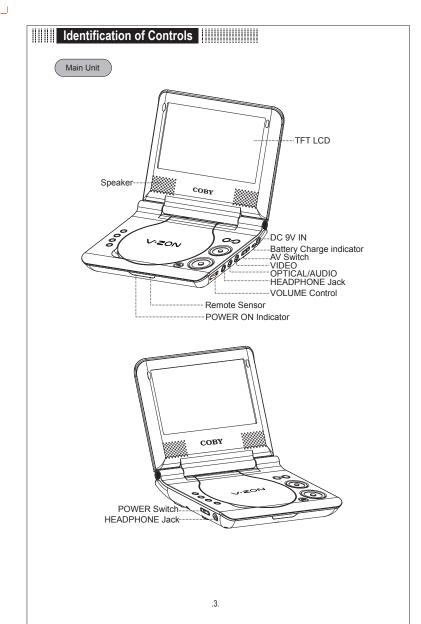
In addition, this unit can play back a CD-R, or CD-RW that contains audio titles or MP3 files. You cannot playback discs

Video disc contains high-density compressed data that needs proper handling. 1. Hold the disc's outer edge and/or the center spindle hole. Do not touch the disc surface. 2. Do not bend or press the disc. Do not expose the disc to direct sunlight or heating sources



Heat or exhaust from a heating device.

4. Clean the disc surface with a soft, dry cleaning cloth. Wipe the disc surface gently and radically from center



(13) Unplug this apparatus during lightning storms or when unused for long periods of time. Unplug it from

the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to

(14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been

(15) Power Sources- This product should be operated only from the type of power source indicated on the

marking label. If you are not sure of the type of power supply to your home, consult your product dealer or

protection. This is a safety feature. See instruction manual for replacement or resetting of protective device.

If replacement of the plug is required, be sure the service technician has used a replacement plug specified

(17) Outdoor Antenna Grounding- If an outside antenna or cable system is connected to the product, be

sure the antenna or cable system is grounded so as to provide some protection against voltage surges and

built-up static charges. Article 810 of the National Electrical Code, ANS/NFPA 70, provides information with

(18) Power lines- An outside antenna system should not be located in the vicinity of overhead power lines

or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing

(19) Overloading- Do not overload wall outlets, extension cords, or integral convenience receptacles as

(20) Object and Liquid Entry- Never push objects of any kind into this product through openings as they

may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never

you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

to perform safety checks to determine that the product is in proper operating condition.

2. The rating label is located on the bottom enclosure of the apparatus.

Unauthorized substitutions may result in fire, electric, or other hazards.

be obstructed during intended use.

(21) Servicing -Do no attempt to service this product yourself as opening or removing covers may expose

(22) Replacement Parts-When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part.

(23) Safety Check- Upon completion of any service or repairs to this product, ask the service technician

NOTE: 1. Mains plug is used as the disconnect device. It shall remain readily operable and should not

an outside antenna system, extreme care should be taken to keep from touching such power lines or

regard to proper grounding conductors, location or antenna- discharge unit, connection to grounding

local power company. For products intended to operate from battery power, or other sources, refer to the

(16) Protective Attachment Plug-The product is equipped with an attachment plug having overload

by the manufacturer that has the same overload protection as the original plug.

electrodes, and requirements for the grounding electrode.

circuits as contact with them might be fatal.

spill liquid of any kind on the product.

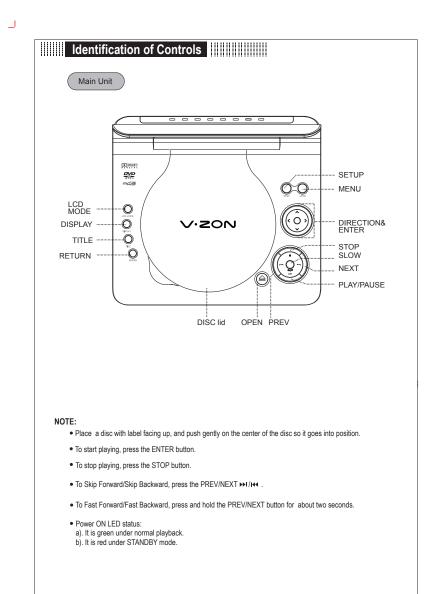
this can result in a risk of fire or electric shock.

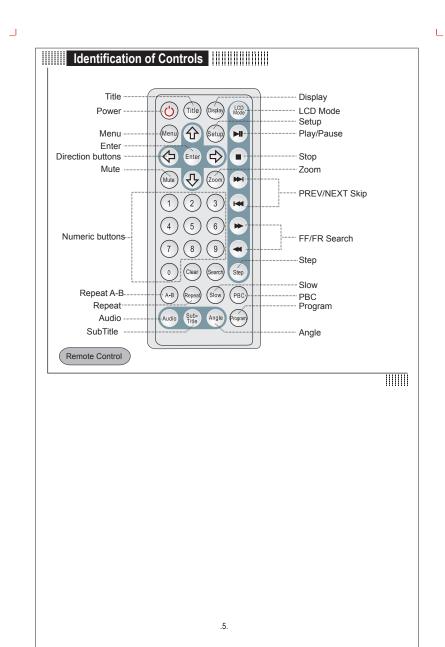
damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects

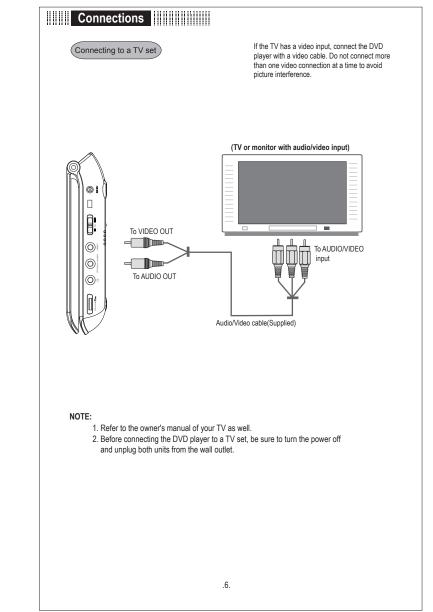
have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate

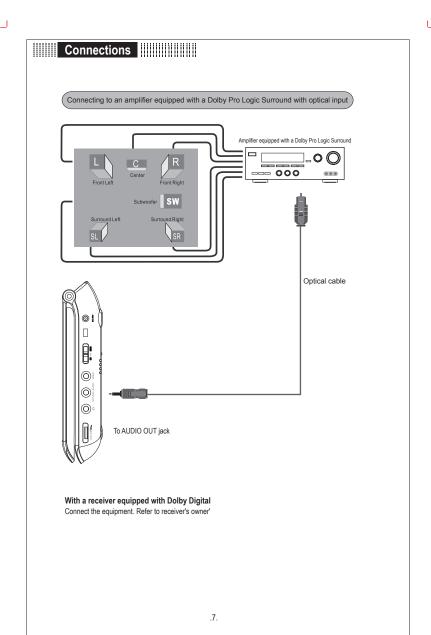
normally, or has been dropped.

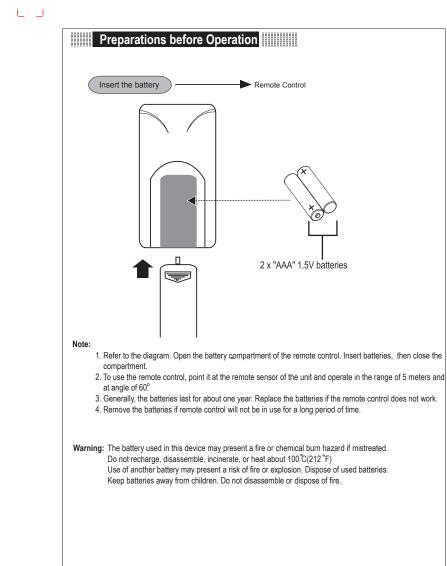
operating instructions.

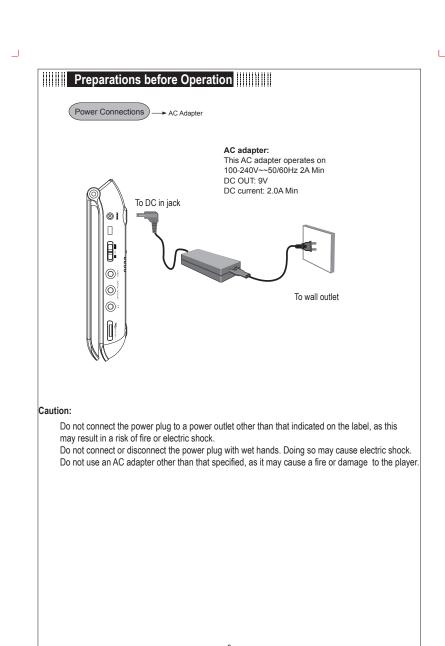


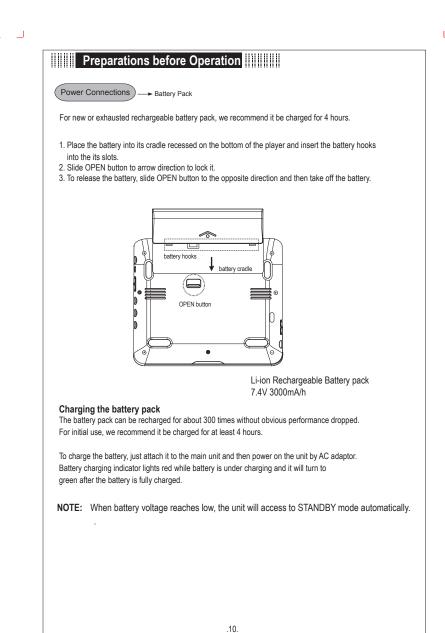


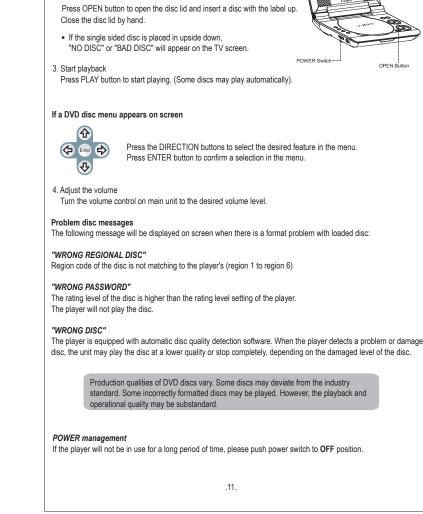










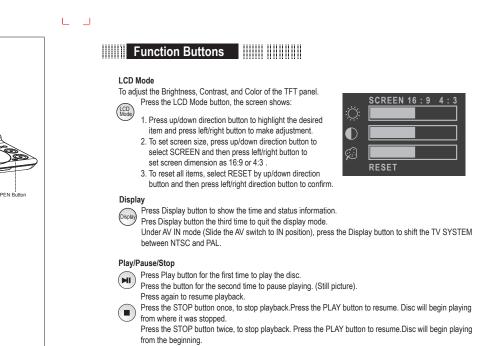


Playing a Disc

1. Slide the **POWER** switch to ON position to turn the unit on.

Prepare the power supply

2. Load a disc



Skip Forward/Backward Press the button to skip advance DVD chapter or CD track Press the button to skip backward DVD chapter or CD track NOTE: Player will not skip forward or backward during "WARNING" section of a DVD disc. Single chapter DVD or single track CD cannot be skipped.

Press the button to fast forward through the disc. Repeatedly pressing the button will increase the search speed. Normal — **x**2 → x4 → x8 → x16 → x32 Press the button to fast backward through the disc. Repeatedly pressing the button will increase the search Press PLAY to resume normal playback.

NOTE: The player is muted in fast forward or fast backward mode. The player will not fast forward or fast backward during WARNING section of a DVD disc. Slow Press SLOW button to play at slow motion. Repeatedly pressing the button will decrease the slow speed. Normal  $\longrightarrow$  x1/2  $\longrightarrow$  x1/4  $\longrightarrow$  x1/8  $\longrightarrow$  x1/16  $\longrightarrow$  x1/32 NOTE: The player is muted at SLOW mode.

# Function Buttons

Disc MENU/TITLE (Menu) While playing a DVD, press the MENU button to return to the DVD disc start menu. (Title) While playing a DVD, press the TITLE button to return to the beginning of the Title menu.

Select an item in the menu In the DVD disc start menu or in the Set Up menu

NOTE: Some DVD discs do not allow the TITLE function.



Clear Press CLEAR button to cancel an entry. Press the RETURN button on main unit to return to the upper level menu.

Numeric Key Pad (Random Program access) 1). To directly access a DVD Chapter or a CD track, input the desired DVD Chapter or CD Track number using the numeric key pad. 4 5 6 2.) Input data for the DVD disc start menu or the player's setup menu.

NOTE: Some DVD discs do not allow direct access function.

(Mute) Press MUTE button to select mute on or mute off.

Zoom Press the ZOOM button repeatedly and the TV screen will display:  $ZOOMx2 \rightarrow ZOOMx4 \rightarrow ZOOMx1$ PLAYING JPEG Press the ZOOM button repeatedly and the TV screen will display:  $25\% \rightarrow 50\% \rightarrow 100\% \rightarrow 150\% \rightarrow 200\%$ While at 100%, press the direction button to rotate the picture.

NOTE: The picture quality decreases as the picture size increases.

While at 150% or 200%, press the direction button to move the picture position.

Go to a desired section. (A desired Title, Chapter, Time)

Search Playing DVD Search by Title/Chapter a). Press SEARCH button once, below picture appears:
 b). Press LEFT/RIGHT direction button to highlight the entry. c). Input the desired title/chapter by numeric keys d). Press ENTER button to execute search.
e). To exit, press SEARCH again. Search by Time (For limited DVD discs only)

a). Press the SEARCH button twice to show search entry. b). Input Second, Minute and Hour by the numeric keys ). Press the ENTER button to execute the search. d). To cancel the incorrect information you have input, press the Clear button.
e). To exit , press SEARCH again. Playing CD /Search by Time a). Press the SEARCH button once to show search entry. b). Input Second, Minute and Hour information.
c). To cancel the incorrect input, press the Clear button.

Hour Second

To execute the search, press ENTER button. d). To exit , press SEARCH again. Repeat Section A-B To repeat playback a specific section of a disc. Press the A-B button at the starting point of the desired section. "Repeat A" appears on screen.

Press the A-B button again at the end of the desired section. "Repeat A-B" appears on screen. The player will start repeating playback the selected section from A to B until the function is cancelled. To cancel the function, press the A-B button for the third time to return to normal playback. NOTE: Some DVD discs do not allow the A-B function playback. This function does not apply to MP3 discs.

Press REPEAT button repeatedly to select the repeat mode. 5 Track  $\rightarrow 5$  Folder  $\rightarrow 5$  Disc  $\rightarrow 5$  Off 

NOTE: Some DVD discs do not allow REPEAT function.

Press STEP when playing, it can step frame by frame. Step Press STEP when playing, it can step frame I Press PLAY button to quit the STEP mode.

Multi-Angle/Subtitle/Audio While playing a DVD disc, press ANGLE button to view different camera angles on the disc. A DVD disc may contain up to 9 selectable camera angles. While playing a DVD disc, press Sub-Title button to select the language of the viewable subtitle. A DVD disc may contain up to 32 selectable subtitles.

## Function Buttons

While playing a DVD disc, press AUDIO button to select the language of the audio sound track.

A DVD disc may contain up to 9 calcate the language of the audio sound track. A DVD disc may contain up to 8 selectable audio sound tracks.

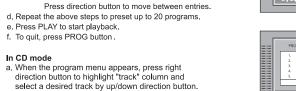
NOTE: Some DVD discs do not have multiple ANGLES, SUBTITLES or AUDIO features.

Press the SETUP button to enter the player's setup menu. The SETUP menu allows the viewer to adjust the setting details of the DVD player.

Please read the "SETUP menu" of the manual for further directions on how to use the SETUP menu. To program play a disc in a desired sequence.

NOTE: The Program function is available just as the player is in Navigate Off mode. Press the PBC button to set Navigate Off. gram Press Program button to enter the program menu. a. When the program menu appears, highlight "Title" column

by RIGHT button, select the title by UP/DOWN button. b. Press right button to move to "Chapter" column. Press up/down button to select the chapter. c. Press PLAY button to confirm. NOTE: You can input title/chapter number directly by the numeric buttons. Press direction button to move between entries. d. Repeat the above steps to preset up to 20 programs. e. Press PLAY to start playback.



direction button to highlight "track" column and select a desired track by up/down direction button. b.Press PLAY button NOTE: You can input title/chapter number directly by the numeric buttons. c. Repeat the above steps to preset up to 20 tracks d. Press PLAY to start playback. To quit, press PROG button. In MP3 mode

When the program menu appears, press direction button to select a desired file.

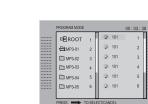
file will be framed as a programed one. To cancel selection, press right direction button again

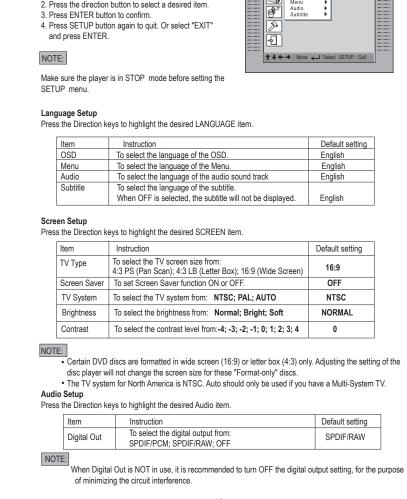
Press PROG button to quit

NOTE: The wanted files might be in the different folders, press left/right button to open/exit

the folder.
b. Press right direction button to confirm. The chosen

c. Repeat steps above to select tracks you wish to play.
d. Press PLAY to start playback.





Setup Menu

Various features of the DVD player can be adjusted

1. Press SETUP button to show "setup" menu.

in the SETUP menu.

## Custom Setup

Press the direction keys to highlight the desired Custom item. (Parental Ctrl, Password, Angle Mark, Default)

• There are eight levels of Parental Control. Level one opens discs to people of all ages. Level eight is suitable only for adults. • To change the parental control setting, a 4-digit code is required to be input first. (The default code is 8888.) When the input code is confirmed, the level setting menu will appear. Select the appropriate level by the UP/DOWN button, and press ENTER to confirm.

Move the cursor to the PASSWORD prompt and press ENTER. Input the password 8888 if it is the first use. After confirmation, you will be required to input a new 4-digit code, and verify again.

• Please keep a copy of the new password in a safe place. Otherwise, you will not be able to change the Parental • Please remember your password, as the DEFAULT setting will revert everything BUT the PASSWORD to the C). Angle Mark Choose between ON and OFF.

When the Angle Mark function is ON, an icon will be displayed on screen if the disc has multiple angle shots Press ANGLE on the remote control to enjoy these scenes. D). Default

This function allows you to change the player back to the factory default settings. All settings will be changed back to the original settings except the Password.

Symptom	Check and Action
No power	Make sure the unit has been powered on manually.     Check if the power cord has been properly connected to the power outlet.     Make sure the battery pack is fully charged.
Does not play	1. No disc, load a disc. 2. Disc has been loaded upside down. Place the disc with the label side up. 3. Disc's rating level is higher than the player's setting. 4. Disc is incorrect type for the player. 5. Disc is damaged or dirty. Clean the disc or try another one. 6. Moisture may be condensed inside the player. Remove the disc and leave the uni power on for one or two hours.
No Picture	Check if the TV set has been powered on. Use TV remote to select AV signal for DVD rather than broadcast.     Check if the system connection is proper and secure.     Check if the connection cables are damaged.     Clean the disc.
Picture noisy/ distorted	Disc is damaged or dirty. Clean the disc or try another one.     Reset the color system of the TV set.     Make sure the DVD player is not connected through a VCR, cable or satellite dish
No sound or sound output not complete	1. Check if the TV and amplifier have been switched on and correctly set. 2. Check if the TV and amplifier system connections are secured. 3. Press AUDIO button to select other audio tracks of the disc. 4. Check if the MUTE function of the TV or amplifier has been activated. 5. There will be no sound output during REVERSE PLAY/PAUSE/SLOW and SEARCH.
Remote control does not work	Make sure the POWER button on the unit has been turned on manually.     Remove the obstacles between the remote control and the player.     Point the remote control towards the remote sensor on the player.     Check if the batteries of the remote control have been loaded with correct polarities.     Replace the batteries of the remote control.

Should the player develop a malfunction, unplug the player for 30 minutes. After

that, power on the player and the restore function should reset the player.

### DC 9.0V 2A (AC adapter TERMINAL) Power supply Power consumption ≤ 9.8W NTSC / PAL Signal system 1±0.2V (p-p), 75ohm. Video output 3.5 mm mini jack x1 Audio output 1.5 Vrms (1 KHz, 0dB), 3.5 mm mini jack x1 Earphone terminal 3.5mm stereo mini jack x2 Signal /Noise ratio(audio) 90dB typical Dynamic range(audio) 90dB typical 7 inch (16:9) Panel size Resolution 480 X 234 pixels Wavelength 650 nm Operating conditions Temperature: 0°c to 35°c. Operation status: Horizontal 197 x168x40 mm (main unit) 970g (main unit)